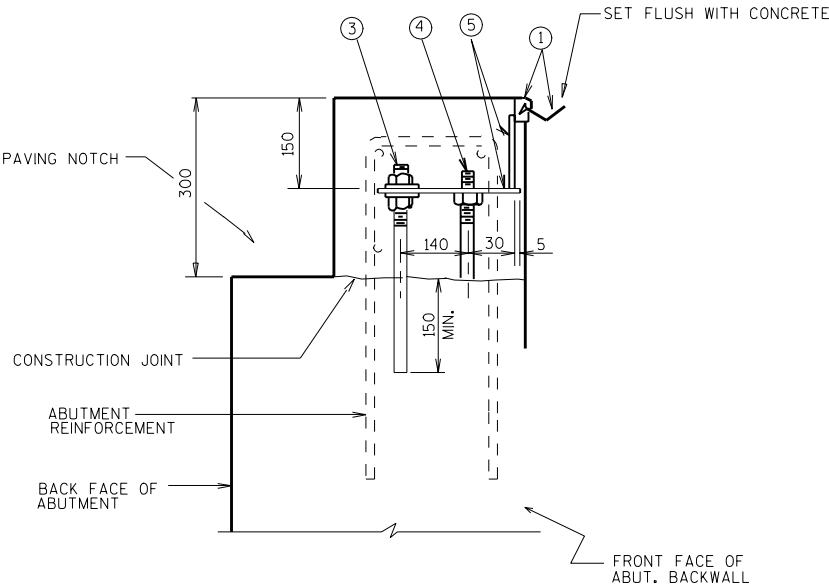
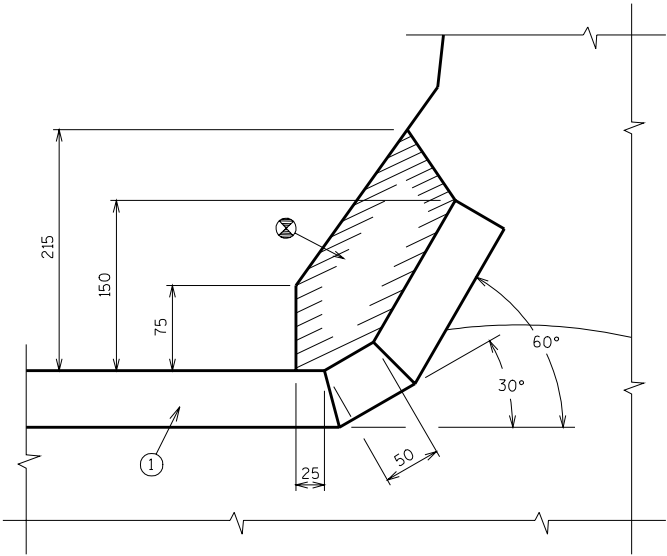


LEGEND

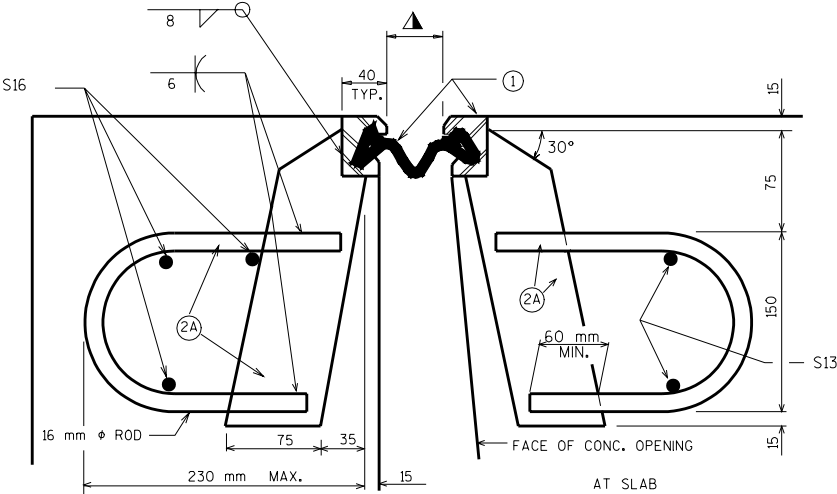
1. NEOPRENE STRIP SEAL (1 - mm) & STEEL EXTRUSIONS
▲ SET JOINT OPENING AT 45 mm WHEN EXPANSION LENGTH \leq 70000 mm
WHEN EXPANSION LENGTH > 70000 mm, PREPARE A TEMPERATURE
TABLE SHOWING JOINT OPENINGS AT 30° C, 5°C. & -20° C.
2. STUDS 16 mm ϕ X 160 mm LONG AT 150 mm ALTERNATE CENTERS.
WELD TO EXTRUSIONS & BEND AS SHOWN AFTER WELDING.
- 2A. 75 mm X 14 mm ANCHOR PLATE WITH 16 mm ϕ ROD (OR ALTERNATE
STRIP SEAL ANCHOR). WELD ROD TO ANCHOR PLATE, WELD ANCHOR
PLATE TO NO. 1 AT 450 mm CTRS. BETWEEN GIRDERS.
4. 19 mm ϕ THREADED ROD WITH NUT. TACK WELD NUT TO NO. 5.
5. FABRICATE SUPPORT FROM 75 mm X 14 mm BAR AS SHOWN OR
EQUIVALENT, ONE PER GIRDER PER SIDE. SHOP OR FIELD WELD TO NO. 1.
IF FIELD WELDED, COVER WELDED AREAS WITH EPOXY-COATING MATERIAL.
PROVIDE 40 mm ϕ HOLE FOR NO. 3 & 25 mm ϕ HOLE FOR NO. 4.



SECTION THRU JOINT AT ABUTMENT
NORMAL TO ϕ SUBSTRUCTURE

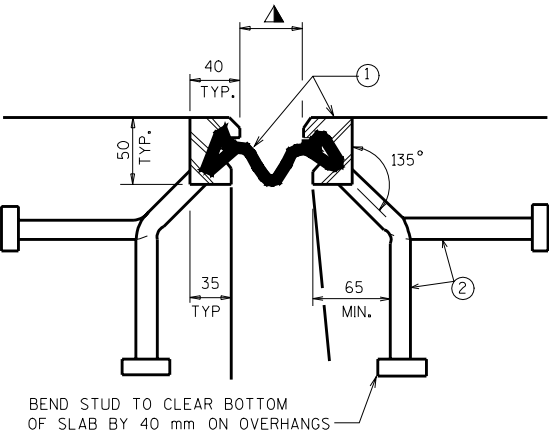


SECTION THRU JOINT
(AT PARAPET)

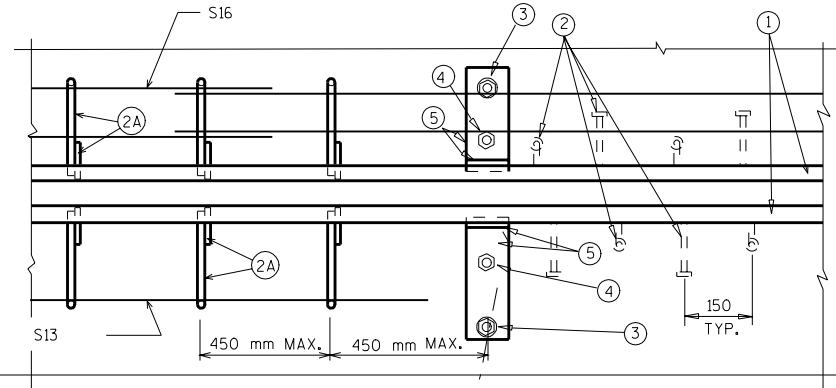


SECTION THRU JOINT
ROADWAY TRAFFIC AREA BETWEEN EXTERIOR GIRDERS.

SYM. ABOUT ϕ JOINT UNLESS
OTHERWISE SHOWN OR NOTED



SECTION THRU JOINT
EXTERIOR GIRDER TO EDGE OF SLAB &
AT PARAPETS, MEDIAN & SIDEWALKS



PART PLAN

GENERAL NOTES

ONE FIELD SPLICE PERMITTED IN STEEL EXTRUSIONS. IF USED, DETAILS SHALL
BE SUBMITTED FOR APROVAL. NO SPLICING PERMITTED IN NEOPRENE STRIP SEAL.

AFTER FABRICATION, BUT BEFORE SHIPMENT, STRAIGHTEN STEEL EXTRUSIONS SUCH
THAT THEY SHALL BE FREE FROM WARP, TWIST & SWEEP.

FABRICATOR SHALL PROVIDE MEANS OF KEEPING GALVANIZED EXTRUSIONS CLEAN &
SMOOTH DURING SHIPMENT AND PRIOR TO APPLYING LUBRICANT ADHESIVE FOR
NEOPRENE GLAND INSTALLATION.

SANDBLAST PLATES & EXTRUSIONS AFTER FABRICATION IN ACCORDANCE WITH SSPC
SP. #6 "COMERCIAL BLAST CLEANING". AFTER BLAST CLEANING THE PLATES &
EXTRUSIONS SHALL BE HOT DIPPED GALVANIZED.

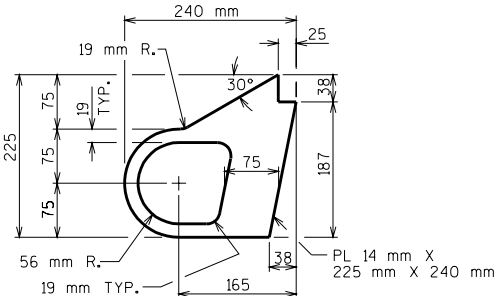
ANCHOR SYSTEM #8 & #9 SHALL CONFORM TO ASTM A307 & SHALL BE GALVANIZED
IN ACCORDANCE WITH ASTM A153 CLASS C & D.

STRIP SEAL EXPANSION JOINT ASSEMBLY, INCLUDING ANCHOR STUDS & HARDWARE
WILL BE PAID FOR AT THE LUMP SUM PRICE BID FOR "EXPANSION DEVICE".

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

⊗ BLOCK OUT CONCRETE 50 mm EACH
SIDE OF JOINT OPENING.

■ JOINT OPENING DIM. ALONG SKEW PLUS 15 mm.



ALTERNATE STRIP SEAL ANCHOR

NO.	DATE	REVISION	BY
STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION STRUCTURES DESIGN SECTION			
STRUCTURE			
CONST. SPEC.	1996	DRAWN BY	PLANS CKD.
EXPANSION DEVICE		SHEET	

FILE= MUT400SS.DGN
SCALE =